



International Society of
Gender Medicine (IGM)

IGM CONGRESS
2025

11TH CONGRESS OF INTERNATIONAL
SOCIETY OF GENDER MEDICINE

SCIENTIFIC PROGRAM BOOK

**MAGDEBURG,
GERMANY**

**18 - 19 SEPTEMBER
2025**



IGM CONGRESS 2025

11TH CONGRESS OF INTERNATIONAL
SOCIETY OF GENDER MEDICINE

ADVANCING GENDER AND SEX SPECIFIC
MEDICINE FROM LAB TO LIFE

WELCOME IGM 2025

UNDER THE AUSPICES OF



Deutsche Gesellschaft für
Geschlechtsspezifische Medizin e.V.



Honkhorterwall 1,
39104 Magdeburg



The Congress President warmly welcomes you!

Welcome to the 11th International Congress on Gender Medicine in Magdeburg / Germany organized by the German Society of Sex- and Gender specific Medicine (DGesGM) for the International Society of Gender Medicine (IGM).

Magdeburg is one of the most upcoming cities in the eastern part of Germany after the Fall of the Berlin Wall and reunification of West and East Germany in the year 1990. Magdeburg is a historic city serving as the capital of the federal state of Saxony-Anhalt. Situated on the banks of the Elbe River, it has a population of approximately 240,000 people and is one of Germany's oldest cities, with a rich history that dates back over 1,200 years.

Magdeburg is home to Otto von Guericke University, named after the city's famous scientist and inventor Otto von Guericke, who is known for his work on vacuums and electrostatics. The university is a center for research and education, particularly in the fields of engineering, natural sciences, and medicine.

Gender Medicine is a worldwide field of research whose definition has shifted over time. The term was introduced in the 1990s and aimed to describe the study of how health and diseases may differ between women and men in terms of prevention, clinical manifestation, diagnostic and therapeutic approaches, prognosis and access to care. The observed differences can be related to biological influences of genes, chromosomes, hormones and anatomy and to socio-cultural, or gender-related influences such as gender norms, gender relations and gender identities. Currently the conceptual founding of this field of research and medicine, Gender Medicine, is to unite various strands of research bringing together the influences of sex, gender and intersecting factors on an individuals' health and wellness.

The aim is to integrate sex and gender related factors into (bio) medical research to diminish the health inequalities between women and men and to ensure that women and men receive equally good medical care.

39104 Magdeburg

Building on the success of the 10th Congress in Padua, Italy, this event brings together leading experts from around the world to exchange cutting-edge insights and innovations in sex and gender medicine. **The congress aims to translate findings from basic and clinical research into patient care, focusing on an expanded range of indications and sex-specific and gender-sensitive, individualized treatment approaches.** The congress serves as a platform to advance high-quality and equal healthcare for a sustainable future. Participants include researchers, clinicians, healthcare professionals, policymakers, funding institutions, and industry leaders.

The congress is held under the motto ***“Advancing Gender and Sex-Specific Medicine from Lab to Life.”*** The program team has designed the sessions to bring together colleagues from basic sciences and clinical research in order to foster meaningful dialogue. The aim is to translate findings on gender differences into clinical practice and thereby improve patient care.

We wish you to enjoy the Congress and the beautiful city of Magdeburg!

Ute Seeland

Congress President



Anna Maria Moretti

President of the IGM



Giovanella Baggio

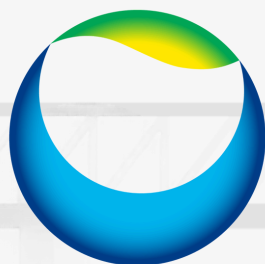
Past Congress President



Hohepfortswall 1,
39104 Magdeburg

WE THANK THE SPONSORS FOR THEIR GENEROUS SUPPORT.

THANK YOU FOR HELPING TO CLOSE THE KNOWLEDGE GAP REGARDING SEX DIFFERENCES IN
MEDICINE AND PHARMACY.



Daiichi-Sankyo



Deutsche
Herzstiftung



GENERAL INFORMATION

COMMITTEES

Congress President
Ute Seeland (Magdeburg/ Germany)

IGM President
Anna Maria Moretti (Bari/ Italy)

ORGANIZING COMMITTEE IGM 2025

Ute Seeland (Germany)
Anna Maria Moretti (Italy)
Alessandra Carè (Italy)
Giovannella Baggio (Italy)
Marek Glezerman (Israel)

IGM BOARD MEMBERS

Anna Maria Moretti, IGM President and President of GISEG
Alessandra Carè, Secretary-Treasurer
Gillian Einstein, IGM board member
Margarethe Hochleitner, IGM board member
Alexandra Kautzky-Willer, IGM board member
Ineke Klinge, IGM board member
Vera Regitz-Zagrosek, IGM board member

Hohepfortewall 1,
39104 Magdeburg

ASSOCIATE BOARD MEMBERS

Giovannella Baggio - President, Italian Research Centre for Gender Health and Medicine (Centro Studi Nazionale su Salute e Medicina di Genere), Italy

Marek Glezerman - President, The Israel Society for Gender and Sex Conscious Medicine, Israel

Miyuki Katai - President, The Japanese Association for Gender-Specific Medicine, Japan

Nayoung Kim, M.D., Ph.D. - The Korean Society of Sex- and Gender-Specific Biomedical Science

Kateryna Ostrovskaya - President, Ukraine Society of Gender Medicine, Ukraine

Ute Seeland - President, German Society of Gender Medicine (DGesGM), Germany and congress president of the 11 th IGM Congress

HONORARY MEMBER

Marianne J Legato - President, The Foundation for Gender Specific Medicine, USA

GERMAN SCIENTIFIC PROGRAM COMMITTEE

Chair: Prof.in Ute Seeland - University of Magdeburg, Professor of Gender Medicine and head of University Outpatient Clinic of Gender- and Sex-specific Medicine and Prevention

Co-Chair: Prof.in Susanna Hofmann - University of Munich, Helmholtz Zentrum, Head of Research Group "Women and Diabetes"

Prof. Michael Becker – University Hospital of Aachen, Rhein-Maas Klinikum GmbH, Women's Outpatient Clinic

Prof. Frank Kirchhoff - University of Saarland, Professor of Physiology, Center for Gender- specific Biology and Medicine (CGBM)

Prof.in Kristina Kusche-Vihrog – University of Lubeck, Professor of Physiology and head of the department

Prof.in Carolin Lerchenmüller – University of Zurich, Professor of Gender Medicine

DGesGM YOUNG SOCIETY ORGANISING COMMITTEE

Natalie Ziegler, Helena Schluchter, Jordan Preuß, Julie Becker, Berenike Weiß, Natalie Varahram, Josephine Marie Jacoby, Carolin Boldt, Jule Petersmann, Juliana Ponomarenko-Jakunin, Luzie Kubischik, Malin Thomsen, Cornelia Dewald

SOCIAL MEDIA and IT-AMBASSADOR

Tauseef Nauman (DGesGM Member)
@Gender- and Sex-specific Medicine and Prevention
#IGM2025 #GenderMedicine #Magdeburg2025

ORGANIZING COMPANY



Otto-von-Guericke Transfer-und Projektmanagement GmbH
Universitätsplatz 2, 39106 Magdeburg

Luise Ballerstädt - luise@ovgu.gmbh, Tel.: +4915750128901
Alexandra Riedner - alexandra@ovgu.gmbh

MANAGEMENT ASSISTANT

Diana Falke – Assistant, Department of Gender and Sex-specific Medicine and Prevention, Otto-von-Guericke University Magdeburg (OvGU), Germany.
Diana.falke@med.ovgu.de, Tel.: +491575 9239600

Hohefortwall 1,
39104 Magdeburg

REGISTRATION AND INFORMATION DESK

Open for registration and information according to the following time schedule:

Thursday, 18th September 2025 from 8:30h to 18:00h

Friday, 19th September 2025 from 8:30h to 18:30h

CONGRESS VENUE

Johanniskirche Magdeburg, Johannisberger Str. 1, 39104 Magdeburg

REGISTRATION FEES

Regular ticket €370.00

Reduced ticket €270.00

- Retired
- Students
- Society Members

Day ticket 18th September €220.00

Day ticket 19th September €220.00

Congress registration fee includes

- Access to all scientific sessions
- Access to the exhibition area
- Name badge and post card
- Congress bag with abstract book and scientific program
- Certificate of attendance
- Coffee breaks
- Light lunches
- 18th September Evening Event: Festung Mark

Hohepfortewall 1,
39104 Magdeburg

INFORMATION FOR ORAL PRESENTERS

Presentations must be delivered to the technician slide desk at least one hour before the beginning of the session, or the day before in case of early morning sessions.

Thursday, 18th September 2025 from 08:30 to 18:00

Friday, 19th September 2025 from 08:30 to 14:45

Badges

Participants are kindly requested to wear the name badge when entering the congress venue and to access any ordered services. The access to the above areas and services is not allowed without the badge.

Certificate of Attendance

Registered participants will receive a certificate of attendance by e-mail after the congress.

Insurance

The Congress Organizers do not assume any liability for personal injuries sustained or loss of, or damage to, property belonging to congress participants (or their accompanying persons), either during or as result of the congress. Participants are requested to make their own arrangements with respect to health and travel insurance.

Language

The official language of the 11th International Congress of Gender Medicine is English. All participants are encouraged to join discussions, independently of their fluency in English, as the exchange of ideas and critical evaluation of presentations is the main purpose of the event.

Useful Telephone numbers

Medical emergency: 112

Police: 110

Fire emergency: 112

Taxi: 737373

For international calls from Germany: 00 + Country code + number

For international calls to Germany: +49 + City code (without 0) + number

Continuing Medical Education Points (CME).

Education credits are requested for the congress at the State Medical Chamber of Saxony-Anhalt.

Travel Award Ceremony and Awarding of honorary prizes

Chair and co-chair of the program committee will be pleased to confer the awards and the special honorary prizes of the DGesGM at 18th September Evening Event: Festung Mark Magdeburg

- The Foundation for Gender Specific Medicine
- German Society of Gender Medicine (DGesGM)
- The Israel Society for Gender and Sex Conscious Medicine
- Centro Studi Nazionale su Salute e Medicina di Genere
- Gruppo Italiano Salute e Genere

EVENING EVENT

Start: 19:00h, End: 23:30h, Thursday, 18th September 2025

Location: Festung Mark, Hohepfortewall 1, 39104 Magdeburg

Accompanying persons can purchase a ticket at the desk of the event location for €40.00

- Reception by a city guide who informs about the history
- Live music with the cover band "Ventura Fox"
- International seasonal buffet

ERXLEBEN (MAIN AREA)

M. CURIE (2nd)

08:30 - 09:30	REGISTRATION	
09:30 - 10:00	OPENING CEREMONY Mayor of Magdeburg, Minister for Science and Higher Education, IGM President, Congress President, Dean of Medical Faculty	
10:00 - 10:45	Institutional Organizations, Communication strategies	
10:45 - 11:15	KEY NOTE SESSION - SABRA KLEIN	
11:15 - 12:30	Sex and Gender differences in diseases across disciplines – The Immune system and Inflammation	Global Health and Education
12:30 - 13:15	LUNCH BREAK	
13:15 - 13:45	KEY NOTE SESSION - MARIANNE J. LEGATO	
13:45 - 15:00	Sex and Gender differences in diseases across disciplines – The Vascular System and Hypertension	Workshop - Coloring Connections. Researching Gender, Intersectionality, and Health in the Climate Crisis
15:00 - 15:30	COFFEE BREAK	
15:30 - 16:30	Poster Sessions	
16:30 - 17:45	Sex and Gender differences in diseases across disciplines – Intervention, Treatment and Pharmacology	Workshop - Harnessing Digitalization and AI for Healthcare - A Gender- Sensitive Approach
19:00-0:00 PM	DINNER PARTY FESTUNG MARK Dean of the Faculty, Rector of the University, Congress President	

Hohepfortewall 1,
39104 Magdeburg

HIGHLIGHTS FOR THE YOUNG COMMUNITY (3RD FLOOR)

Clinical Implementation Track - The floor is yours: bring your questions!

8:30- 9:45		REGISTRATION	
10:00 - 10:30	KEY NOTE SESSION - ASHLYN SWIFT-GALLANT		
10:30 - 11:45	Sex and Gender differences in diseases across disciplines – The Nervous System and Neurodevelopmental Disorders		Equality and Diversity
11:50 - 13:10	Sex and Gender differences in diseases across disciplines – Cancer Genesis	Anesthesiology and Surgery	Pathophysiology and Function of the Musculoskeletal System in Health and Disease
13:10 - 14:00	LUNCH BREAK		
14:00 - 15:15	Sex and Gender differences in diseases across disciplines – The Endocrine System Function in Health and Disease	Genetics and Rare Diseases	Mixed Diseases
15:15- 15:45	COFFEE BREAK		
15.45 - 17:00	Sex and Gender differences in diseases across disciplines – The Renin-Angiotensin-Aldosterone System, Cardiac Function and Remodeling	Fertility/ Menopause	Pulmonary Diseases
17:00 - 18:00	IGM Membership Assembly		
18:15	CLOSING REMARKS AND FAREWELL		

HIGHLIGHTS FOR THE YOUNG COMMUNITY (3RD FLOOR)

Clinical Implementation Track - The floor is yours: bring your questions!

09:30-10:00 / ERXLEBEN (MAIN AREA)

Welcome and opening Ceremony

10:00-10:45 / ERXLEBEN

INSTITUTIONAL ORGANIZATIONS AND COMMUNICATION STRATEGIES

Chairs: **Marek Glezerman** (Israel), **Ute Seeland** (Germany)

- 10:00 Giovannella Baggio (Italian Network)
- 10:10 Miyuki Katai (Japanese Society)
- 10:20 Ashlyn Swift-Gallant (OSSD-Canada)
- 10:30 Marek Glezerman (Presentation of the bylaw)

10:45-11:15 / ERXLEBEN

Key Note Session - **SABRA KLEIN** (USA) - Sex differences in immunity to vaccines

11:15-12:30 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -

THE IMMUNE SYSTEM AND INFLAMMATION

Chairs: **Sabra Klein** (USA), **Elena Ortona** (Italy)

- 11:15 Introduction
- 11:20 Covid-19 Effects on ARTERial Stiffness and Vascular AgeiNg: CARTESIAN Study Results
Rosa-Maria Bruno (France)
- 11:35 Sex-Based Differences in Humoral Immune Response to Vaccination Among Healthcare Workers
Anna Ruggieri (Italy)

11:50 The importance of sex-specific transcriptional and epigenetic signatures in gender medicine

Julia Schulze-Hentrich (Germany)

12:05 The independent effects of testosterone, estradiol, and sex chromosomes on gene expression in human immune cells

Rebecca Harris (USA)

12:20 Discussion

11:15-12:30 / MARIE CURIE

GLOBAL HEALTH AND EDUCATION

Chairs: **Cecilia Stefanelli** (Italy), **Sabine Ludwig** (Austria)

11:15 Introduction

11:20 Implementing a Sex and Gender-Conscious Medicine Curriculum: Student Reflections and Qualitative Insights

Rola Khamisy-Farah (Israel)

11:35 The International Resonance of Paediatric Gender Medicine - The Case of Gender Incongruence/Dysphoria

Fulvia Signani (Italy)

12:05 Integrating Sex and Gender in Medical Education: Key Challenges and Concrete Solutions for implementation

Virginie Schlueter (Switzerland)

12:20 Discussion

12:30 Lunch

13:15-13:45 / ERXLEBEN

KEY NOTE SESSION - MARIANNE LEGATO (USA) - Replacing the View of Sex and Gender as Separate Concepts: Conceptualizing and Operationalizing Sex/Gender Entanglement

13:45-15:00 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -

THE VASCULAR SYSTEM AND HYPERTENSION

Chairs: *Rosa-Maria Bruno (France), Ute Seeland (Germany)*

13:45 Introduction

13:50 Maternal hemodynamics in hypertension
Carmel McEniery (UK)

14:10 Gender Differences in Hypertension
Mai Tone Lønnebakken (Norway)

14:30 Sex Differences in Antenatal Health Trajectories
Marek Glezerman (Israel)

14:50 Discussion

13:45-15:00 / MARIE CURIE

Coloring Connections. Researching Gender, Intersectionality, and Health in the Climate Crisis;
WORKSHOP I

Chairs: *Ineke Klinge (Netherlands), Petra Verdonk (Netherlands)*

This creative session invites participants to draw, color and engage in discussions in integrating gender dimensions - alongside other aspects of diversity (intersectionality) - into health research at all levels within the context of the climate crisis.

15:00 Coffee Break

15:30-16:30 / ERXLEBEN

POSTER SESSIONS

Gender specific Prevention, Pregnancy and youth, Health economics, Clinical Practice, Pharmacology, Education

16:30-17:45 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -
INTERVENTION, TREATMENT AND PHARMACOLOGY

Chairs: *Massimo D'Archivio (Italy), Junko Kurokawa (Japan)*

16:30 Introduction

16:35 www.farmagenere.unito.it: a website to fight stereotypes in therapy by enhancing sex and gender specific differences
Silvia De Francia (Italy)

16:50 Sex-Specific Effects of Acetaminophen on Adipose Tissue in Severe Obesity
Massimo D'Archivio (Italy)

17:05 A hormonal basis for sex differences in arrhythmia risk: Progesterone's protective role via cardiac ion channel regulation
Junko Kurokawa (Japan)

17:20 Sex-dependent lipid mediator formation influences the inflammatory response: androgens as prominent actors;
Simona Pace (Italy)

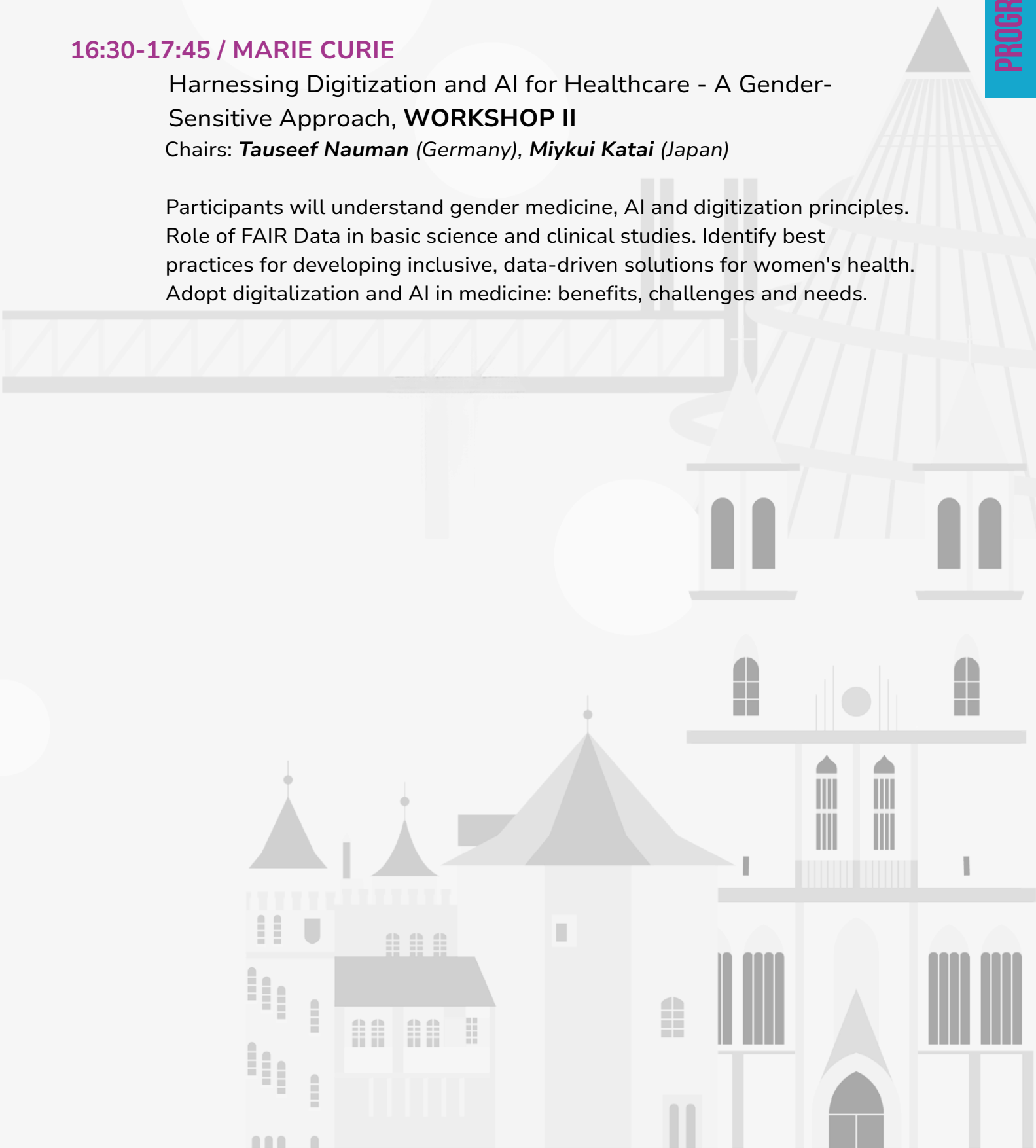
17:35 Discussion

16:30-17:45 / MARIE CURIE

Harnessing Digitization and AI for Healthcare - A Gender-Sensitive Approach, **WORKSHOP II**

Chairs: **Tauseef Nauman** (Germany), **Miykui Katai** (Japan)

Participants will understand gender medicine, AI and digitization principles. Role of FAIR Data in basic science and clinical studies. Identify best practices for developing inclusive, data-driven solutions for women's health. Adopt digitalization and AI in medicine: benefits, challenges and needs.



10:00-10:30 / ERXLEBEN

KEY NOTE SESSION - ASHLYN SWIFT-GALLANT (CANADA) - How sex hormones and chromosomes play a role in brain inflammation

10:30-11:45 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -
THE NERVOUS SYSTEM AND NEURODEVELOPMENTAL DISORDERS

Chairs: **Frank Kirchhoff** (Germany), **Ashlyn Swift-Gallant** (Canada)

- 10:30 Introduction
- 10:35 Sex-specific immunometabolic adaptation of mature dendritic cells to variations in the Earth's magnetic field
Francesco Chiara (Italy)
- 10:55 Sex-specific aspects of neuron-glia communication in the central nervous system
Frank Kirchhoff (Germany)
- 11:15 Addressing Gender and Diversity Inequities in Chronic Pain: A Cross-Border, Participatory and Mixed-Method Approach
Stefanie Felicitas Beinert (Germany)
- 11:35 Discussion

10:30-11:45 / R. HIRSCH

EQUALITY AND DIVERSITY

Chairs: **Ineke Klinge** (Netherlands), **Jeanne Moor** (Switzerland)

10:30 Introduction

10:35 Why so low and why so slow? The Leadership Gap in German University
Clinical Specialities
Gabriele Kaczmarczyk (Germany)

10:55 Factors Associated with Career Ambitions in General Internal Medicine:
Insights Into Gender Disparities in Leadership Aspirations
Jeanne Moor (Switzerland)

11:15 Associations between age, sex/gender, sexual orientation, ethnicity,
religion, education, disability and HPV Vaccination in Tyrol, Austria
Sarah Wurzenrainer (Austria)

11:35 Discussion

11:50-13:10 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -

CANCER GENESIS

Chairs: **Maggie Banys-Paluchowski** (Germany), **Claus Schildberg** (Germany)

11:50 Introduction

11:55 Sex Differences in Cancer: Integrative Genomic and Clinical Insights from Gastric, Bladder, and Additional Tumor Types; **Dorit Shweiki** (Israel)

12:10 News in Breast cancer Treatment
Maggie Banys-Paluchowski (Germany)

12:25 Sex-specific responses to gravitational stress in follicular thyroid cancer cell lines
Herbert Schulz (Germany)

12:40 Gender Medicine Awareness Among Physicians Involved in Cancer Care: A Survey from the Regional Cancer Network of Piemonte e Valle d'Aosta
Tiziana Vavala (Italy)

12:55 Discussion

11:50-13:10 / F. TIBURTIUS

ANESTHESIOLOGY AND SURGERY

Chairs: **Tomoko Hayano** (Japan), **Carmen Garcia** (Germany)

11:50 Introduction

11:55 Gender and Venous Thromboembolism
Tomoko Hayano (Japan)

12:10 Conceptualization of a primary care intervention addressing sex and gender
in the management of chronic non-cancer pain with long-term opioid
therapy (GESCO)
Veronika Bencheva (Germany)

12:25 Sex differences and the Post Intensive Care Syndrome
Helena Schluchter (Austria)

12:40 Gender-Specific Differences in Ventilatory Support and Prolonged Weaning:
Implications for Personalized Care
Carmen Garcia (Germany)

12:55 Discussion

11:50-13:10 / R. HIRSCH

PATHOPHYSIOLOGY AND FUNCTION OF THE MUSCULOSKELETAL SYSTEM IN HEALTH AND DISEASE

Chairs: **Robby Zachariah Tom** (Germany), **Martina Kloepper** (Germany)

11:50 Introduction

11:55 How gender representations shape musculoskeletal pain management
Joëlle Schwarz (Switzerland)

12:10 Sex-Specific Transcriptional Signatures in Intermuscular Adipose Tissue
Reveal Distinct Pathways Linked to Insulin Resistance
Yao Zhang (Germany)

12:25 Voluntary running differentially modulates signaling pathways in four
hypothalamic nuclei between male and female mice
Robby Zachariah Tom (Germany)

12:40 Gender impact on physical activity in musculoskeletal disorders prevention:
a survey-based cross-sectional study in Lombardy Region, Italy
(WeMoveForHealth)
Silvia Barger (Italy)

12:55 Discussion

13:10 Lunch

14:00-15:15 / ERXLEBEN

Sex and Gender differences in diseases across disciplines - **THE ENDOCRINE SYSTEM FUNCTION IN HEALTH AND DISEASE**

Chairs: **Susanna Hofmann** (Germany), **P.M. Schumm-Draeger** (Germany)

14:00 Introduction

14:05 Effects of nutritional intervention on immune system of male and female
subjects with metabolic syndrome and type 2 diabetes
Beatrice Scazzocchio (Italy)

14:35 Transgender health and risk assessment: investigating long-term effects of
gender-affirming hormone therapy in a rat model co-exposed to an
endocrine disruptor as model compound
Roberta Tassinari (Italy)

14:20 Exploring the association between sex/gender and obesity: a cross-
analysis in a Swiss middle-aged population
Erë Rustemi (Switzerland)

14:50 Influence of sex and gender in metabolic disease
Susanna Hofmann (Germany)

15:05 Discussion

14:00-15:15 / F. TIBURTIUS

GENETICS AND RARE DISEASES

Chairs: **Anke Hinney** (Germany), **Giovanella Baggio** (Italy)

14:00 Introduction

14:05 Leptin / Morbus Fabry; Genetic mechanisms - sex and gender sensitive aspects
Anke Hinney (Germany)

14:25 Role of OCT1 and MAP3K5 genetic polymorphisms on hydroxyurea pharmacokinetic
Silvia De Francia (Italy)

14:45 Modeling sex differences in humans using isogenic induced pluripotent stem cells
Ithai Waldhorn (Israel)

15:05 Discussion

14:00-15:15 / R. HIRSCH

Mixed Diseases

Chairs: **Irina Hahn** (Germany), **Martina Kloepper** (Germany)

14:00 Introduction

14:05 Gender Specific Medicine in Dermatology: An Overview and An Approach to Alopecia
Chung-Hsing (Miriam) Chang (Taiwan)

14:20 Light at night and autism spectrum disorder in eastern Sicily, Italy: preliminary results focusing on sex differences
Maria Fiore (Italy)

- 14:35 Interactive Visualization of Clinical Data to Detect Gender-Specific Influences on the Course of Psoriatic Arthritis
Michaela Reichenzeller (Germany)
- 14:50 Intrahepatic heterogeneity in Lewis rats: distinct liver sections exhibit sex-specific gene expression patterns
Luisa Rajcsanyi (Germany)

15:05 Discussion

15:15 Coffee break

15:45-17:00 / ERXLEBEN

Sex and Gender differences in diseases across disciplines -
**THE RENIN-ANGIOTENSIN- ALDOSTERONE SYSTEM,
CARDIAC FUNCTION AND REMODELING**

Chairs: **Carolín Lerchenmüller** (Switzerland), **Kristina Kusche-Vihrog** (Germany)

- 15:45 Introduction
- 15:50 The Kiel Heart Failure Registry – distinct sex differences regarding risk factors for follow-up mortality
Christine Friedrich (Germany)
- 16:05 Sex-Specific Pattern of Immune Plasma Protein Expression in Heart Failure Individuals Undergoing Exercise
Teresa Gisinger (Austria)
- 16:20 The role of gendered intersectional social position in hypertension incidence
Margot Guth (Switzerland)
- 16:35 Sex-specific associations of beta-blocker and RAS inhibitor doses with cardiovascular outcomes in atrial fibrillation
Jeanne Moor (Switzerland)

16:50 Discussion

15:45-17:00 / F. TIBURTIUS

FERTILITY/ MENOPAUSE

Chairs: **Fulvia Signani** (Italy), **Francesco Chiara** (Italy)

15:45 Introduction

15:50 Investigating early Cardiovascular Risk in Offspring of Cardiovascular High-Risk Pregnancies: A Longitudinal Observational Study
Fevronia-Foivi Megalofonou (Germany)

16:05 Effect of the menstrual cycle phase on genotoxic stress response in human peripheral blood mononuclear cells
Joanna Ruszkiewicz (Germany)

16:20 Evaluation of the metabolic effects of oral contraceptive drugs on 2D co-cultures of mature dendritic and endometrial epithelial cells
Francesco Chiara (Italy)

16:35 Sex Hormones and Vascular Health: Estradiol Effects on Endothelial Nanomechanics
Annika Hägemann (Germany)

16:50 Discussion

15:45-17:00 / R. HIRSCH

Pulmonary Diseases

Chairs: **Maike Colliene** (Germany), **Tiziana Vavalà** (Italy)

15:45 Introduction

15:50 Sex and gender differences in COVID Pneumonia; **Rola Khamisy-Farah** (Israel)

- 16:05** Sex differences and lung cancer- focus on immunotherapy
Maike Collien (Germany)
- 16:20** Sex-based differences in treatment patterns and two-year outcomes in NSCLC: Real-world evidence from a regional cancer registry
Angela Besserer (Germany)
- 16:35** LucAS - Protocol of the "Identification of sex-specific biomarkers for gastric and colorectal cancers associated with exposure to natural or anthropogenic asbestos" research study
Martina Cappeletti (Italy)

16:50 Discussion

17:00-18:00 / F. TIBURTIUS
IGM Membership Assembly

18:15 **CLOSING REMARKS AND FAREWELL**

15:30-16:30 / POSTER SESSION 1

GENDER SPECIFIC PREVENTION

Chairs: **Jeanne Moor** (Switzerland), **Petra Verdonk** (Netherlands)

- 27: Sexual harassment among General Internal Medicine physicians and medical students in Switzerland
Olivia Wassner (Switzerland)
- 28: Six-month intradialytic exercise training reduces systemic inflammation in chronic kidney failure – differences between men and women
Marc Walter (Germany)
- 105: Longitudinal observational study to explore the health status of employees with chronic diseases within the German Federal Armed Forces separated by sex
Rubina Roy (Germany)
- 86: Identify specific sex-gender preventive strategies for zoonoses in Europe through exposure scenarios analysis in One Health perspective
Claudia Cataldo (Italy)
- 61: The impact of sex and gender on physical activity participation in subjects with chronic diseases of the musculoskeletal system: a scoping review
Valentina Redaelli (Italy)
- 36: Sandwich-Axis-Muscle Tone (SAM): A biomechanical approach to integrate functional stability and sex differences into gender medicine
Kristin Stahl (Germany)
- 72: The role of women's anxiety and depression in the longevity of yentl syndrome. No more labels, only diagnosis and treatment.
Annalisa Vinci (Italy)

- 67: The importance of data on violence in health care in Italy, with a focus on gender
Anna Castellano (Italy)
- 89: Violence against women as determinant of health: a new instrument towards precision prevention strategies
Loredana Falzano (Italy)
- 93: Sex differences in prevalence, awareness and characteristics of hypertension in the Hamburg City Health Study
Christina Thompson (Germany)

15:30-16:30 / POSTER SESSION 2

PREGNANCY AND YOUTH

Chairs: **Marek Glezerman** (Israel), **Susanna Hofmann** (Germany)

- 17: Same but different: maternal and paternal postpartum depression from a gender-sensitive perspective.
Sophia K. Johnson (Germany)
- 80: Gender differences in eating habits and lifestyles of students from primary and secondary school;
Rosaria Vari (Italy)
- 16: Pregnancy outcomes under a changing climate: a population-based study in Italy
Emiliano Ceccarelli (Italy)
- 88: Internal Medicine physician's struggle with family planning and infertility
Jeanne Moor (Switzerland)

15:30-16:30 / POSTER SESSION 3

HEALTH ECONOMICS

Chairs: **Elpiniki Katsari** (Germany), **Tatjana Dunkel** (Germany)

- 71: A sex-stratified analysis of cardiovascular risk factors associated healthcare costs in Switzerland - a preliminary analysis of the GENDRICOST project
Jeanne Barbier (Switzerland)
- 29: Public Health and Attention to Sex and Gender Differences: The Cases of Poverty and Loneliness
Najada Sulcay (Italy)
- 20: Associations between sex, gender and further diversity and health aspects on the ratings of quality of life of employees in the German Federal Armed Forces
Sabine Ludwig (Austria)
- 69: The influence of intersectional gender positions on smoking cessation
Timea-Chiara Annovazzi (Switzerland)
- 33: Preconditions, determinants and mechanisms of health among women* with migration and refugee experience in Austria: A scoping Review
Judith Söller (Austria)
- 56: The impact of age, sex, gender identity and sexual orientation on accessibility of care and on the satisfaction ratios of the patients of our local health company (ASLCN1)
Valentina Benedetti (Italy)
- 19: Gender medicine in hematology : a focus on caregivers resilience and needs
Ledja Sijoni (Italy)

15:30-16:30 / POSTER SESSION 4

CLINICAL PRACTICE

Chairs: **Rüdiger Braun-Dullaes**(Germany), **Andrea Kindler-Röhrborn** (Germany)

- 22: Integration of Sex- and Gender-Specific Aspects in Outpatient Care – Patient Experiences and Perceived Effects in a University Hospital Setting
Tatjana Dunkel (Germany)
- 18: Self-reported Sex and Gender in Clinical Practice – First Impressions of Two Prospective Cohorts
Anne Gude (Germany)
- 35: Gender Disposition in Phlebological Diagnosis and Therapy
Meike Finkenrath (Germany)
- 24: Exploring Psychosocial Risk Factors of Arterial Stiffness in Pre-, Peri-, and Postmenopausal Women: Findings from the Prospective BEFRI-II Follow-up Study
Helena Schluchter (Austria)
- 25: Sex-disaggregated epidemiology and outcomes of patients with hematological malignancies, high-risk neutropenia and fever – results from two retrospective observational studies
Alva Seltsmann (Germany)
- 82: Understanding Gender Bias in Autism Recognition and Referral Decisions in General Practice: An Experimental Vignette Study
Jiska van Rijswijk (Netherlands)
- 91: Sex-Based Differences in Tumor Location and Characteristics in Gastric Cancer
Claus Schildberg (Germany)

- 34: Quantitative Analysis of Gender-Sensitive Care in Cardiology:
Results from the HeartGap Study
Sophia Sgraja (Germany)
- 11: Development of a Gender Index for use in geriatric oral health
Maximilian König (Germany)

15:30-16:30 / POSTER SESSION 5

PHARMACOLOGY

Chairs: **P.M. Schumm-Draeger** (Germany), **Veronika Bencheva**
(Germany)

- 70: Pain and Gender in clinical practice: An interdisciplinary narrative
review
Flavie Saucy (Switzerland)
- 51: Mental Representations of Pain and Gender Bias: Investigating the
Affective Overlap of Triage Nurses' Expectations
Camille Saumure (Switzerland)
- 6: Sex Hormone-Dependent Modulation of Endothelial Function: A
Translational Study Across Sex and Age
Malin Thomsen (Germany)
- 106: Generation of induced pluripotent stem cells derived from a pair of
dizygotic twins for investigating the molecular mechanisms
underlying sex differences in cardiac function
Masashi Wakabayashi (Japan)
- 76: Sex-specific dynamics of Glucose-dependent Insulinotropic
Polypeptide Receptor (GIPR) activation in the hypothalamus and
hindbrain of mice
Shiqi Zhang (Germany)

- 85: Sex-Specific Effects of Acetaminophen on Adipose Tissue in Severe Obesity
Massimo D'Archivio (Italy)
- 84: Sex-Linked Molecular Characteristics of Colorectal Cancer
Jana Romy Friedrich (Germany)
- 62: Sex-Specific Effects of Estrogens, BPA, and Silibinin on Colorectal Cancer Development in a Western Diet-Induced Murine Model
Francesca Maranghi (Italy)
- 94: Comprehensive analysis of sex differences in drug sensitivity using a database of spontaneous adverse event reports
Hiromi Sato (Japan)

15:30-16:30 / POSTER SESSION 6

EDUCATION

Chairs: **Astrid Bühren** (Germany), **Jinko Yokota** (Japan)

- 47: Implementation of a Web-Based Educational Program to Enhance Women's Health Literacy among Working Women in Japan
Nishioka Emiko (Japan)
- 57: From Mapping to Action: Scaling up the Integration of Sex, Gender, and Diversity in Medical Education
Laura Wortmann (Germany)
- 96: Gender Medicine in South Tyrol: A Path of Innovation and Awareness
Cecilia Stefanelli (Italy)
- 14: Inclusive excellence in medicine (InKE) – an interdisciplinary project for the systematic integration of sex and gender into (bio-)medical research at the University and University Medicine Greifswald
Philipp Töpfer (Germany)

- 97: Enhancing Health Literacy Among Female Medical and Nursing Students Through Health Education; **Jinko Yokota** (Japan)
- 65: Exploring the definitions of gender bias in healthcare literature: a scoping review;
Silvia Barger (Italy)
- 44: Gender Representation and Specialty Participation in German Oncological Guidelines: An Analysis of AWMF Guidelines and Radiation Oncology Involvement
Angela Besserer (Germany)
- 31: Gender-Sensitive Medicine in Transition: New Impulses and International Perspectives
Fulvia Signani (Italy)



CONGRESS PRESIDENT PROF.IN UTE SEELAND

University of Magdeburg, Department of
Gender - and Sex-specific Medicine

CONTACT:
OTTO-VON-GUERICKE TRANSFER-
UND PROJEKTMANAGEMENT GMBH
operations@ovgu.gmbh



OVGU
GmbH